

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	"20050109832".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 13:03
S2	4	automatic adj teller adj machine same middleware	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 15:39
S3	305	middleware same (convert\$3 translat\$3 adapt\$3 chang\$3 configur\$3) near3 (command signal instruction request demand)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 14:59
S4	55	S3 same (map\$3 table library libraries list)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 15:00
S5	320	middleware same (convert\$3 translat\$3 adapt\$3 chang\$3 configur\$3 transform\$6) near3 (command signal instruction request demand)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 15:37
S6	56	S5 same (map\$3 table library libraries list)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 15:37
S7	1	S6 not S4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 15:00
S8	0	("2004/0131082").URPN.	USPAT	OR	ON	2006/10/23 15:07
S9	360	middleware same (convert\$3 translat\$3 adapt\$3 chang\$3 configur\$3 transform\$6 format\$4) near3 (command signal instruction request demand)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 15:37

S10	61	S9 same (map\$3 table library libraries list)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 15:37
S11	5	S10 not S6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 15:38
S12	29	((automatic automated) adj teller adj (machine) cash adj machine (mac money adj access adj center)) and S9	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 16:30
S13	63	((automatic automated) adj teller adj (machine) cash adj machine (mac money adj access adj center)) same middleware	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/24 15:20
S14	327	middleware near3 layer same (convert\$3 translat\$3 adapt \$3 chang\$3 configur\$3 transform\$6 format\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/24 15:39
S15	29	((automatic automated) adj teller adj (machine) cash adj machine (mac money adj access adj center)) and S14	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/24 15:29
S16	24855	((automatic automated) adj teller adj (machine) cash adj machine (mac money adj access adj center)) and (convert\$3 translat\$3 adapt \$3 chang\$3 configur\$3 transform\$6 format\$4) near3 (command signal instruction request demand message transaction)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/24 15:30
S17	3630	((automatic automated) adj teller adj (machine) cash adj machine (money adj access adj center)) and (convert\$3 translat\$3 adapt\$3 chang\$3 configur\$3 transform\$6 format\$4) near3 (command signal instruction request demand message transaction)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/24 15:37

S18	6447	710/33,36,62,65,72.ccls. 705/35,43.ccls. 902/8,10. ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 18:35
S19	296	S17 and S18	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/24 15:39
S20	0	S14 and S19	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/24 15:40
S21	7	S14 and S17	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/24 15:40
S22	11	("5826082" "6081826" "6173294" "6249836" "6272519" "6286025" "6385639" "6560773" "6629113" "6654948" "6868448").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/26 13:26
S23	7232	710/33,36,62,65,72.ccls. 705/35,43.ccls. 902/8,10. ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 18:35
S24	364	middleware same (convert\$3 translat\$3 adapt\$3 chang\$3 configur\$3 transform\$6) near3 (command signal instruction request demand)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 18:35
S25	4065	((automatic automated) adj teller adj (machine) cash adj machine (money adj access adj center)) and (convert\$3 translat\$3 adapt\$3 chang\$3 configur\$3 transform\$6 format\$4) near3 (command signal instruction request demand message transaction)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 18:35

S26	7232	710/33,36,62,65,72.ccls. 705/35,43.ccls. 902/8,10. ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 18:36
S27	331	S25 and S26	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 18:35
S28	361	middleware near3 layer same (convert\$3 translat\$3 adapt \$3 chang\$3 configur\$3 transform\$6 format\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 18:35
S29	10	S28 and S25	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 18:35
S30	361	middleware near3 layer same (convert\$3 translat\$3 adapt \$3 chang\$3 configur\$3 transform\$6 format\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 18:35
S31	19	izawa-shuichi\$.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 18:37
S32	6	tomi-satoshi\$.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 18:39
S33	0	yamamoto-kouji\$.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 18:40
S34	100	yamamoto-kouji\$.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 18:40

S35	1	S34 and atm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 18:40
S36	1	S34 and transaction adj apparatus	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 18:40
S37	2	"20050109832".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/27 12:46
S38	20	izawa-shuichi\$.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/28 10:02
S39	7	tomi-satoshi\$.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/28 10:03
S40	106	yamamoto-kouji\$.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/28 10:03
S41	30064	(cash financ\$4) near5 transaction	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/28 10:05
S42	484	middleware same (convert\$3 translat\$3 adapt\$3 chang\$3 configur\$3 transform\$6 format\$4) near3 (command signal instruction request demand)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/28 10:05

S43	4685	((automatic automated) adj teller adj (machine) cash adj machine (money adj access adj center)) and (convert\$3 translat\$3 adapt\$3 chang\$3 configur\$3 transform\$6 format\$4) near3 (command signal instruction request demand message transaction)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/28 10:05
S44	7999	710/33,36,62,65,72.ccls. 705/35,43.ccls. 902/8,10. ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/28 10:05
S45	9	S41 and S42 and S43	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/28 10:09
S46	10	S42 and S44	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/28 10:26
S47	15321	(money cash currency) near3 (grant\$3 administer\$3 dispens\$3 provid\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/25 16:11
S48	1204	S47 same withdraw\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/25 16:12
S49	682	S48 and (card medium) near3 read\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/25 16:13
S50	30	S49 and middleware	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/25 16:13

S51	9060	710/33,36,62,65,72.ccls. 705/35,43.ccls. 902/8,10. ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/25 16:13
S52	143	S49 and S51	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/25 16:13
S53	2	"20050109832".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/25 16:22
S54	22	izawa-shuichi\$.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/25 16:22
S55	7	tomi-satoshi\$.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/25 16:22
S56	107	yamamoto-kouji\$.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/25 16:22
S57	34148	(cash financ\$4) near5 transaction	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/25 16:22
S58	595	middleware same (convert\$3 translat\$3 adapt\$3 chang\$3 configur\$3 transform\$6 format\$4) near3 (command signal instruction request demand)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/25 16:22

S59	5273	((automatic automated) adj teller adj (machine) cash adj machine (money adj access adj center)) and (convert\$3 translat\$3 adapt\$3 chang\$3 configur\$3 transform\$6 format\$4) near3 (command signal instruction request demand message transaction)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/25 16:22
S60	9	S57 and S58 and S59	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/25 16:22
S61	12	S58 and S51	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/25 16:22
S62	0	S49 and S58	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/25 16:51
S63	302	S49 and S59	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/25 16:51
S64	26	S63 and kernel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/25 16:53
S65	0	S63 and middleware near4 kernel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/25 16:53
S66	91	S51 and S63	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/25 16:53

S67	131	S63 and parameter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/25 16:54
S68	46	S66 and S67	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/25 16:54
S69	2	"7240827".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/26 12:58
S70	19	middleware.clm. and parameter.clm. and signals. clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/03 09:43
S71	9476	middleware.clm. i/o.clm. and signals.clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/03 09:45
S72	862	S71 and layer.clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/03 09:46
S73	84	S72 and transaction.clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/03 09:46
S74	53	S73 and card.clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/03 09:46
S75	46	S74 and convert\$3.clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/03 09:47

S76	30	S71 and cash.dlm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/03 09:49
S77	2752735	"710.33", "62", "72".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/03 10:07
S78	3053	710/33,62,72.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/03 10:07
S79	13972	710/33,36,62,65,72.ccls. 705/35,39-44.ccls. 902/8,10. ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/16 12:02
S80	15425	(money cash currency) near3 (grant\$3 administer\$3 dispens \$3 provid\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/16 12:03
S81	1214	S80 same withdraw\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/16 12:03
S82	687	S81 and (card medium) near3 read\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/16 12:03
S83	30	S82 and middleware	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/16 12:03
S84	193	S82 and S79	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/16 12:03

S85	603	middleware same (convert\$3 translat\$3 adapt\$3 chang\$3 configur\$3 transform\$6 format\$4) near3 (command signal instruction request demand)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/16 12:04
S86	15	S85 and S79	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/16 12:04
S87	34488	(cash financ\$4) near5 transaction	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/16 12:05
S88	5317	((automatic automated) adj teller adj (machine) cash adj machine (money adj access adj center)) and (convert\$3 translat\$3 adapt\$3 chang\$3 configur\$3 transform\$6 format\$4) near3 (command signal instruction request demand message transaction)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/16 12:05
S89	9	S87 and S85 and S88	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/16 12:05
S90	22	izawa-shuichi\$.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/16 12:05
S91	7	tomi-satoshi\$.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/16 12:05
S92	107	yamamoto-kouji\$.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/16 12:05

S93	34488	(cash financ\$4) near5 transaction	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/16 12:05
S94	603	middleware same (convert\$3 translat\$3 adapt\$3 chang\$3 configur\$3 transform\$6 format\$4) near3 (command signal instruction request demand)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/16 12:05
S95	5317	((automatic automated) adj teller adj (machine) cash adj machine (money adj access adj center)) and (convert\$3 translat\$3 adapt\$3 chang\$3 configur\$3 transform\$6 format\$4) near3 (command signal instruction request demand message transaction)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/16 12:05
S96	9	S93 and S94 and S95	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/16 12:05
S97	15	S94 and S79	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/16 12:06
S98	306	S82 and S95	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/16 12:06
S99	26	S98 and kernel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/16 12:06
S100	112	S79 and S98	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/16 12:06

S101	22328	710/33,36,62,65,72.ccls. 705/1,35,39-44.ccls. 902/8,10.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/16 12:07
S102	9510	middleware.clm. i/o.clm. and signals.clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/16 12:07
S103	132	S98 and parameter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/16 12:08
S104	204	S101 and S82	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/16 12:08
S105	30	S85 and S101	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/16 12:09
S106	30	S94 and S101	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/16 12:12
S107	118	S98 and S101	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/16 12:12
S108	118	S104 and S107	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/16 12:13
S109	2	S102 and S103	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/16 12:13

S110	0	S106 and S107	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/16 12:33
S111	4497	705/35,43.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/16 12:58

12/19/08 12:03:46 AM

C:\Documents and Settings\DMartinez\My Documents\EAST\Workspaces\10-830150 ATM machine
with Middleware - AUTOSAVERecovery.wsp